

# Paola Astolfi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8725137/paola-astolfi-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62  
papers

2,202  
citations

22  
h-index

46  
g-index

66  
ext. papers

2,454  
ext. citations

4.4  
avg, IF

4.34  
L-index

#	Paper	IF	Citations
62	A vibrational in vitro approach to evaluate the potential of monoolein nanoparticles as isofuranodiene carrier in MDA-MB 231 breast cancer cell line: New insights from Infrared and Raman microspectroscopies.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , <i>76</i> , 100000	4.4	1
61	Selective removal of contaminants of emerging concern (CECs) from urban water cycle via Molecularly Imprinted Polymers (MIPs): Potential of upscaling and enabling reclaimed water reuse. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , <i>9</i> , 105051	6.8	10
60	Antioxidant Activity Level, Bioactive Compounds, Colour and Spectroscopic Analysis (UV-Vis and FT-IR) of Flavoured Drinks Made with Wine and Sour Cherries ( Var. ). <i>Foods</i> , <b>2021</b> , <i>10</i> ,	4.9	2
59	Cubic and Hexagonal Mesophases for Protein Encapsulation: Structural Effects of Insulin Confinement. <i>Langmuir</i> , <b>2021</b> , <i>37</i> , 10166-10176	4	1
58	Synchrotron Characterization of Hexagonal and Cubic Lipidic Phases Loaded with Azolate/Phosphane Gold(I) Compounds: A New Approach to the Uploading of Gold(I)-Based Drugs. <i>Nanomaterials</i> , <b>2020</b> , <i>10</i> ,	5.4	2
57	Investigation of human pancreatic cancer tissues by Fourier Transform Infrared Hyperspectral Imaging. <i>Journal of Biophotonics</i> , <b>2020</b> , <i>13</i> , e201960071	3.1	20
56	Nanostructured liquid crystalline particles as delivery vectors for isofuranodiene: Characterization and in-vitro anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , <i>192</i> , 111050	6	6
55	Reaction of endogenous Coenzyme Q with nitrogen monoxide and its metabolite nitrogen dioxide. <i>Redox Report</i> , <b>2019</b> , <i>24</i> , 56-61	5.9	1
54	Effects of a cationic surfactant incorporation in phytantriol bulk cubic phases and dispersions loaded with the anticancer drug 5-fluorouracil. <i>Journal of Molecular Liquids</i> , <b>2019</b> , <i>286</i> , 110954	6	11
53	Encapsulation of vitamin B into nanoengineered capsules and soft matter nanosystems for targeted delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , <i>182</i> , 110366	6	15
52	Morphological, Physicochemical and FTIR Spectroscopic Properties of Bee Pollen Loads from Different Botanical Origin. <i>Molecules</i> , <b>2019</b> , <i>24</i> ,	4.8	14
51	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. <i>Food Chemistry</i> , <b>2017</b> , <i>234</i> , 464-471	8.5	81
50	Chemometric approach to the analysis of antioxidant properties and colour of typical Italian monofloral honeys. <i>International Journal of Food Science and Technology</i> , <b>2017</b> , <i>52</i> , 1138-1146	3.8	21
49	Lyotropic Liquid-Crystalline Nanosystems as Drug Delivery Agents for 5-Fluorouracil: Structure and Cytotoxicity. <i>Langmuir</i> , <b>2017</b> , <i>33</i> , 12369-12378	4	42
48	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , <b>2016</b> , <i>94</i> , 128-37	4.7	37
47	The reactivity of manganese dioxide towards different substrates in organic solvents. <i>New Journal of Chemistry</i> , <b>2015</b> , <i>39</i> , 8964-8970	3.6	7
46	Influence of steeping conditions (time, temperature, and particle size) on antioxidant properties and sensory attributes of some white and green teas. <i>International Journal of Food Sciences and Nutrition</i> , <b>2015</b> , <i>66</i> , 491-7	3.7	45

45	Liponitroxides: EPR study and their efficacy as antioxidants in lipid membranes. <i>RSC Advances</i> , <b>2015</b> , 5, 98955-98966	3.7	9
44	Prevention of UVA-induced oxidative damage in human dermal fibroblasts by new UV filters, assessed using a novel in vitro experimental system. <i>PLoS ONE</i> , <b>2014</b> , 9, e83401	3.7	23
43	Indolinic nitroxides: evaluation of their potential as universal control agents for nitroxide mediated polymerization. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3694	4.9	28
42	Benzoxazinic nitrones and nitroxides as possible antioxidants in biological systems. <i>RSC Advances</i> , <b>2013</b> , 3, 22023	3.7	8
41	Reactions of nitric oxide and nitrogen dioxide with coenzyme Q: involvement of the isoprenic chain. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 1399-406	3.9	4
40	On the assessment of photostability of sunscreens exposed to UVA irradiation: from glass plates to pig/human skin, which is best?. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 427, 217-23	6.5	26
39	Cyclic voltammetry, spectroelectrochemistry and electron spin resonance as combined tools to study thymoquinone in aprotic medium. <i>Electrochimica Acta</i> , <b>2012</b> , 60, 230-238	6.7	12
38	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1508-16	4.7	109
37	Radical-scavenging activity, protective effect against lipid peroxidation and mineral contents of monofloral Cuban honeys. <i>Plant Foods for Human Nutrition</i> , <b>2012</b> , 67, 31-8	3.9	38
36	Nitroxides and a nitroxide-based UV filter have the potential to photoprotect UVA-irradiated human skin fibroblasts against oxidative damage. <i>Journal of Dermatological Science</i> , <b>2011</b> , 63, 55-61	4.3	20
35	Radical intermediates in the photorearrangement of 3-hydroxyindolic nitrones. <i>Tetrahedron</i> , <b>2011</b> , 67, 6889-6894	2.4	4
34	Synthesis and thermal stability of benzoxazine nitroxides. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 9253-60.2	4.2	5
33	Strawberry polyphenols attenuate ethanol-induced gastric lesions in rats by activation of antioxidant enzymes and attenuation of MDA increase. <i>PLoS ONE</i> , <b>2011</b> , 6, e25878	3.7	139
32	3-Benzyl-3-hydroxy-2-phenyl-3H-indole 1-oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1986-7		
31	Antioxidant and antimicrobial capacity of several monofloral Cuban honeys and their correlation with color, polyphenol content and other chemical compounds. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 2490-9	4.7	264
30	Assessment of the photo-degradation of UV-filters and radical-induced peroxidation in cosmetic sunscreen formulations. <i>Free Radical Research</i> , <b>2010</b> , 44, 304-12	4	31
29	The reaction of spiro[indoline-naphthopyrans] with nitrogen oxides. Not a case of biradical double trapping. <i>Magnetic Resonance in Chemistry</i> , <b>2010</b> , 48, 25-37	2.1	1
28	Synthesis, structural and spectroscopic characterization and biomimetic properties of new copper, manganese, zinc complexes: identification of possible superoxide-dismutase mimics bearing hydroxyl radical generating/scavenging abilities. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 820-30	4.2	34

27	2,2-Diphenyl-benzo[c]quinoline-1-ox-yl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1045-6		
26	In vitro photostability and photoprotection studies of a novel multi-active UV-absorber. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 345-54	7.8	27
25	Sunscreens cause coral bleaching by promoting viral infections. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 441-7	8.4	317
24	Reactions of Nitrosoarenes with Nitrogen Monoxide (Nitric Oxide) and Nitrogen Dioxide: Formation of Diarylnitroxides. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 3279-3285	3.2	9
23	Antioxidants: How They Work <b>2008</b> , 251-266		5
22	Radical trapping properties of 3-aryl-2H-benzo[1,4]oxazin-4-oxides. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 8677-82	4.2	12
21	First Effective Nitroxide-Mediated Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , <b>2007</b> , 40, 3108-3114	5.5	150
20	A spectroelectrochemical and chemical study on oxidation of hydroxycinnamic acids in aprotic medium. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 2461-2470	6.7	39
19	Alkoxyamines of Stable Aromatic Nitroxides: N?O vs. C?O Bond Homolysis. <i>Helvetica Chimica Acta</i> , <b>2006</b> , 89, 2312-2326	2	39
18	Reactions of indoles with nitrogen dioxide and nitrous acid in an aprotic solvent. <i>Organic and Biomolecular Chemistry</i> , <b>2006</b> , 4, 3282-90	3.9	22
17	Synthesis and application of a novel sunscreen-antioxidant. <i>Free Radical Research</i> , <b>2006</b> , 40, 485-94	4	19
16	Aromatic and aliphatic mono- and bis-nitroxides: a study on their radical scavenging abilities. <i>Free Radical Research</i> , <b>2005</b> , 39, 325-36	4	16
15	Effect of complexation with randomly methylated beta-cyclodextrin on the aqueous solubility, photostability and antioxidant activity of an indolinonic nitroxide radical. <i>Free Radical Research</i> , <b>2005</b> , 39, 41-9	4	9
14	Spin trapping of nitrogen dioxide and of radicals generated from nitrous acid. <i>Free Radical Research</i> , <b>2005</b> , 39, 137-44	4	10
13	New mediators for the enzyme laccase: mechanistic features and selectivity in the oxidation of non-phenolic substrates. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1308	3.6	134
12	Variability of biological effects of silicas: different degrees of activation of the fifth component of complement by amorphous silicas. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 208, 68-77	4.6	12
11	New Insights into the Reactivity of Nitrogen Dioxide with Substituted Phenols: A Solvent Effect. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 3052-3059	3.2	25
10	Oxazoles formation during O-alkylation of isonitroso-naphthols. X-ray structure of [1,2]naphthoquinone 1-[O-(4-tert-butyl-benzyl)-oxime] and 2-(4-tert-butyl-phenyl)naph[1,2-d]oxazole. <i>Journal of Heterocyclic Chemistry</i> , <b>2004</b> , 41, 971-974	1.9	5

9	Hydrogen abstraction ability of different aromatic nitroxides. <i>Free Radical Research</i> , <b>2004</b> , 38, 67-72	4	5
8	Hydroxylamines as oxidation catalysts: thermochemical and kinetic studies. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 1747-54	4.2	207
7	Regio- and Diastereoselectivity in 1,3-Dipolar Cycloaddition Reactions of 2-Phenylisatogen and Its 3-Phenylimino Derivative with Electron-Deficient Alkenes. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 2626-2634	3.2	15
6	Reactions of indoles with nitrogen monoxide: unexpected formation of azo-bis-indoles from 1,2-disubstituted indoles. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2003</b> , 8, 202-5	5	3
5	Reactions of indolic nitrones and N-heteroaromatic bases under irradiation and chemical oxidation. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 1045-1048	3.6	6
4	On the Role of Nitrogen Monoxide (Nitric Oxide) in the Nitration of a Tyrosine Derivative and Model Compounds. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 4011-4017	3.2	5
3	Radical intermediates in the peroxidation of indoles. <i>Perkin Transactions II RSC</i> , <b>2001</b> , 1634-1640		22
2	Radical cations: reactions of 2-phenylindole with aromatic amines under anodic oxidation. Scission of an amino alkoxy radical. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 1749-1756		4
1	A Convenient Synthesis of (E)-Non-3-ene-2,5-dione, an Important Component Isolated from the Fire Bee <i>Trigona tataira</i> . <i>Liebigs Annalen</i> , <b>1996</b> , 1996, 1879-1880		14